Created by:
 Ralf Witting

 Phone:
 040 752466 42

 Fax:
 040 752466 50

 Date:
 09.01.2012

 Position
 Qty.
 Description
 Single Price

 1
 CR 15-5 A-F-A-V-HQQV
 Price on request



Note! Product picture may differ from actual product

Product No.: 96501986

Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics:

- Impellers and intermediate chambers are made of

Stainless steel DIN W.-Nr. DIN W.-Nr. 1.4301.

- Pump head and base are made of Cast iron.
- The shaft seal has assembly length
- according to EN 12756.
- Power transmission is via cast iron split coupling.
 - Pipework connection is via DINflanges.

The motor is a 3-phase AC motor.

Liquid:

Liquid temperature range: -20 .. 90 °C Liquid temp: 20 °C Density: 998.2 kg/m³

Technical:

Speed for pump data: 2917 rpm
Actual calculated flow: 17 m³/h
Resulting head of the pump: 54.1 m
Shaft seal: HQQV
Approvals on nameplate: CE

Materials:

Pump housing: Cast iron

EN-JL1030 ASTM A48-30 B Stainless steel

Impeller: Stainless steel
DIN W.-Nr. 1.4301

AISI 304

Installation:

Flange standard:

Maximum ambient temperature: 60 °C

Max pressure at stated temp: 16 bar / 90 °C 16 / -20 bar / °C

DIN DN 50

Pipe connection: DN 5

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			Date:	09.01.2012	
Position	Qty.	Description			Single Prid
		Pressure stage:	PN 16		
		Flange size for motor:	FT130		
		Electrical data:			
		Motor type:	112MC		
		IE Efficiency class:	IE3		
		Number of poles:	2		
		Rated power - P2:	4 kW		
		Power (P2) required by pump:	4 kW		
		Naciona francisco de la compania	4 kW		
		Mains frequency: Rated voltage:	50 Hz 3 x 380-415 D V		
		Rated current:	7.9 A		
		Starting current:	1000-1110 %		
		Cos phi - power factor:	0,87-0,87		
		Rated speed:	2920-2940 rpm		
		IE efficiency:	IE3 88,1%		
		Motor efficiency at full load: Motor efficiency at 3/4 load:	88,1-88,1 % 88,6-88,2 %		
		Motor efficiency at 1/2 load:	85,2-88,1 %		
		Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)		
		Insulation class (IEC 85):	F		
		Others:			
		Label:	Grundfos Blueflux		
		Net weight:	69 kg		
		Gross weight: Shipping volume:	91 kg 0.12 m3		
				I	

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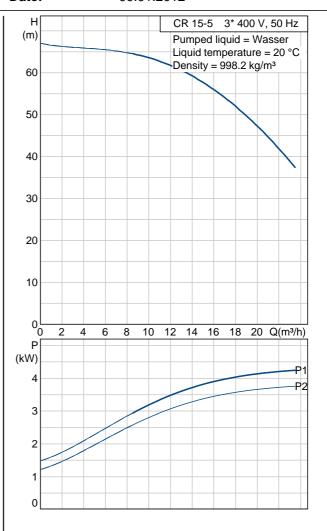
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 040 752466 50

 Date:
 09.01.2012

Description	Value
Product name:	CR 15-5 A-F-A-V-HQQV
Product No:	96501986
EAN number:	5700396233185
Technical:	
Speed for pump data	2917 rpm
Actual calculated flow:	17 m³/h
Resulting head of the pump:	54.1 m
Head max:	70.6 m
Impellers:	05
Shaft seal:	HQQV
Approvals on nameplate:	CE
Stages:	05
Pump version:	Α
Model:	Α
Materials:	
Pump housing:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Impeller:	Stainless steel
•	DIN WNr. 1.4301
	AISI 304
Material code:	A
Code for rubber:	V
220 101 142201.	•
Installation:	
Maximum ambient temperature:	60 °C
Max pressure at stated temp	16 bar / 90 °C
Max pressure at stated temp	16 / -20 bar / °C
Flance standard	
Flange standard:	DIN
Connect code:	F
Pipe connection:	DN 50
Pressure stage:	PN 16
Flange size for motor:	FT130
Liquid:	
Liquid temperature range	-20 90 °C
Liquid temp:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	112MC
IE Efficiency class:	IE3
Number of poles:	2
Rated power - P2:	4 kW
Power (P2) required by pump	4 kW
. , , , , , , , , , , , , , , , , , , ,	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 D V
Rated current:	7.9 A
Starting current	1000-1110 %
•	
Cos phi - power factor:	0,87-0,87
Rated speed:	2920-2940 rpm
IE efficiency:	IE3 88,1%
Motor efficiency at full load:	88,1-88,1 %
Motor efficiency at 3/4 load:	88,6-88,2 %
Motor efficiency at 1/2 load:	85,2-88,1 %
Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)
Insulation class (IEC 85):	F
· · · · · · · · · · · · · · · · · · ·	PTC
Motor protec:	
Motor protec: Motor No:	85U15413
•	
•	
Motor No: Others:	85U15413
Motor No: Others: Label:	85U15413 Grundfos Blueflux
Motor No: Others: Label: Net weight:	85U15413 Grundfos Blueflux 69 kg
Motor No: Others: Label:	85U15413 Grundfos Blueflux



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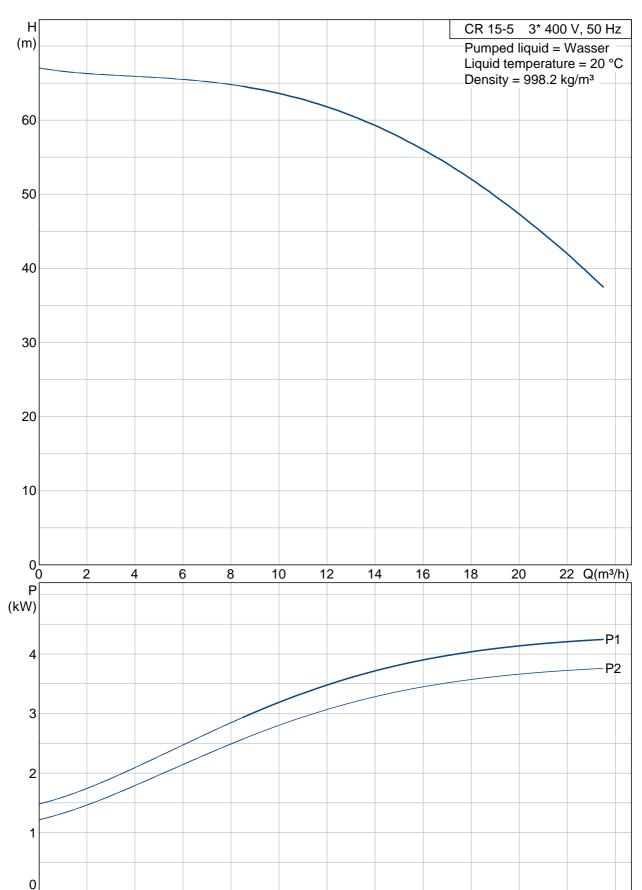
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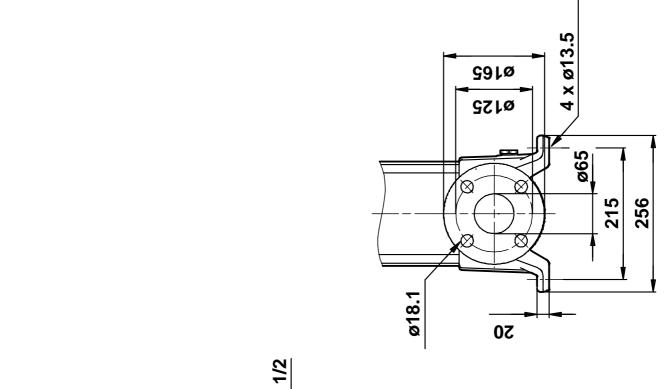


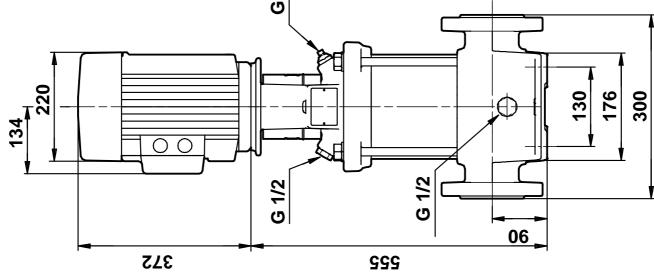


5/5

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96501986 CR 15-5 50 Hz





Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

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